

“DM System” supports your extracellular recording! Introducing the convenient usages (Part III)

The last part of introducing the DM system is about “Clear & Return” function. Combined with all the functions discussed in the last three issues, you can pursue better work efficiency and time saving.

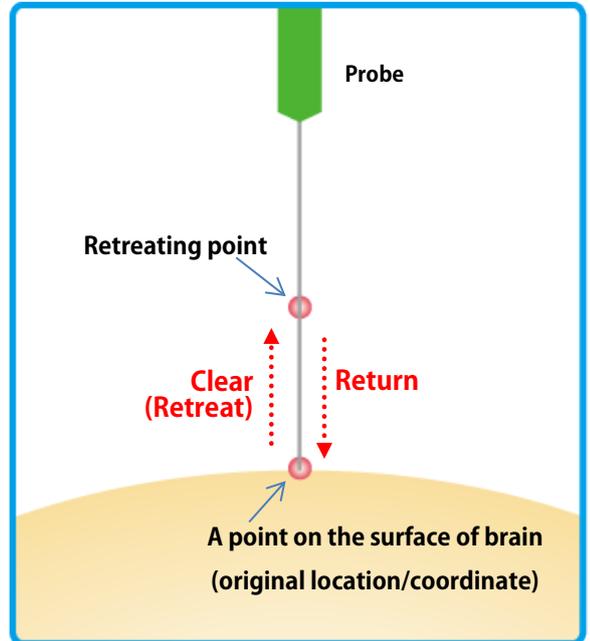


Could I **retreat** my electrode (or a probe)?
After that, I want it back to the original location.



Yes, it's possible! Only you have to do is to press the key **CLR/RET**. A **retreating point** and **driving speed** can be set in advance. Then, it activates both retreat and return by one-touch.

- DM system enables an arbitrary point to set as “retreating point”.
By pressing the **CLR/RET** key one time, the probe, wherever located in the coordinate of “+” or “-”, is automatically moved to the retreating point.
Pressing the key once again moves back the original coordinate.
- The “driving speed” of CLR/RET can be changed by the setting of “Hz”.
The parameter is used in common for all settings; Coarse, Fine, and S. Fine.



How to set a “retreating point” and the “driving speed”

Retreating point

1. Press MENU. Enter the parameter mode, and select **【Function】**.
2. **【Clear & Return】**⇒**【CH1】**⇒Select **【Clearing depth】**.
3. Input a value for retreating point.
* Check the limit of driving range before use of the function. The system enables a value to input beyond the driving range (35mm of DMA-1511), but the actual distance to travel is limited within the driving range.

Driving speed

1. Press MENU. Enter the parameter mode, and select **【Function】**.
2. **【Clear&Return】**⇒**【5-phs step motor freq】**⇒Change the value of Hz
3. The default setting is “**5,000Hz.**”

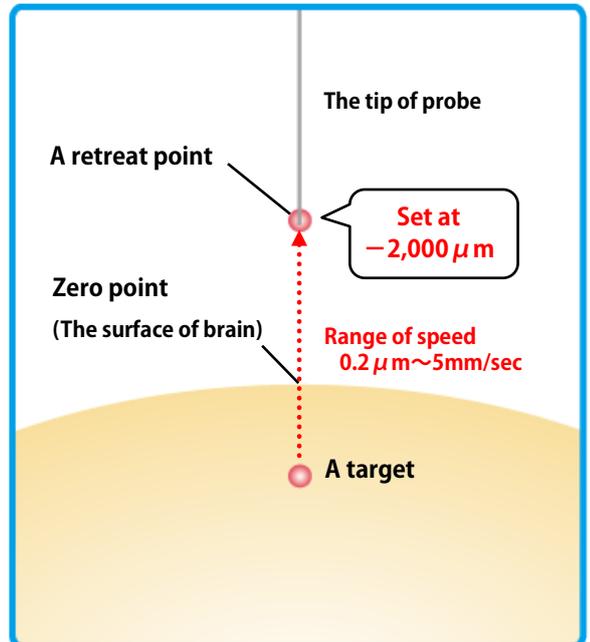
★For the setting information about Hz and speed, refer to the previous issues.

WEB NEWS 093: <http://news.narishige-group.com/pdf/news093en.pdf>

Example of a convenient usage (the illustration; right)

After the recording at a target, it is important to pull out the probe gently by taking time. In that event, the retreating function gets convenient and efficient. Once the retreating point and the speed are set, the probe is pulled out automatically and slowly. A manual operation for pulling out the probe is not necessary at all.

Take full advantage of the useful functions of DM system to improve work efficiency.



«Products of DM system»

- DMA-1510/1511 (for SM-11)
- DMA-1550/1551 (for SMM series/ SM-15)
- MO-82
- MO-952
- MO-972
- MO-972A

If you have any questions or need further information, please contact us.